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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re U.S. Patent Application)
)
Applicant: Kimasaru URA)
)
Serial No.: Not Yet Assigned)
)
Filed: Herewith)
)
For: **METHOD AND DEVICE FOR**)
 WASHING DRAIN PIPE)
)

PRELIMINARY AMENDMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

This is a Preliminary Amendment for entry in the above-identified application.

In the Specification:

Please add the attached Abstract to the specification.

In the Claims:

Please amend the following claim:

9. (amended) The method of washing drain pipe according to claim 1, wherein
the high pressure water is hot water.

10. (amended) The method of washing drain pipe according to claim 5, wherein
the fluid is cold water or hot water, and the gas is air.

11. (amended) The method of washing drain pipe according to claim 1, wherein diameter of the certain injection hole is set so as to be larger than diameters of other injection holes.

12. (amended) The method of washing drain pipe according to claim 1, wherein the nozzle and the high pressure hose are directly linked by means of a pressure connection socket.

13. (amended) The method of washing drain pipe according to claim 1, wherein a reference line indicating position of the certain injection hole is formed on surface of the high pressure hose, along longitudinal direction thereof.

22. (amended) The device for washing drain pipe according to claim 14, wherein the high pressure water is hot water.

23. (amended) The device for washing drain pipe according to claim 18, wherein the fluid is cold water or hot water, and the gas is air.

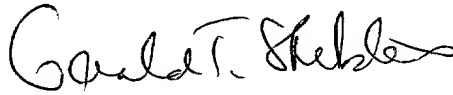
24. (amended) The device for washing drain pipe according to claim 14, wherein diameter of the certain injection hole is set so as to be larger than diameters of other injection holes.

25. (amended) The device for washing drain pipe according to claim 14, wherein the nozzle and the high pressure hose are directly linked by means of a pressure connection socket.

26. (amended) The device for washing drain pipe according to claim 14, wherein a reference line indicating position of the certain injection hole is formed on surface of the high pressure hose, along the longitudinal direction thereof.

Respectfully submitted,

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VERSION WITH MARKINGS TO SHOW CHANGES MADE

9. (amended) The method of washing drain pipe according to [any one of] claim[s]
1 [to 4, characterized in that], wherein the high pressure water is hot water.

10. (amended) The method of washing drain pipe according to [any of] claim[s]
5 [to 8, characterized in that], wherein the fluid is cold water or hot water, and the gas is air.

11. (amended) The method of washing drain pipe according to claim 1 [or 5,
characterized in that], wherein diameter of the certain injection hole is set so as to be larger than
diameters of other injection holes.

12. (amended) The method of washing drain pipe according to [any of] claim[s]
1 [to 8, characterized in that], wherein the nozzle and the high pressure hose are directly linked
by means of a pressure connection socket.

13. (amended) The method of washing drain pipe according to [any of] claim[s]
1 [to 8, characterized in that], wherein a reference line indicating position of the certain injection
hole is formed on surface of the high pressure hose, along longitudinal direction thereof.

22. (amended) The device for washing drain pipe according to [any of] claim[s]
14 [to 17, characterized in that], wherein the high pressure water is hot water.

23. (amended) The device for washing drain pipe according to [any of] claim[s] 18 [to 21, characterized in that], wherein the fluid is cold water or hot water, and the gas is air.

24. (amended) The device for washing drain pipe according to [any of] claim[s] 14 [to 18, characterized in that], wherein diameter of the certain injection hole is set so as to be larger than diameters of other injection holes.

25. (amended) The device for washing drain pipe according to [any of] claim[s] 14 [to 21, characterized in that], wherein the nozzle and the high pressure hose are directly linked by means of a pressure connection socket.

26. (amended) The device for washing drain pipe according to [any of] claim[s] 14 [to 21, characterized in that], wherein a reference line indicating position of the certain injection hole is formed on surface of the high pressure hose, along the longitudinal direction thereof.

ABSTRACT

A method and a device for washing a drain pipe allowing a nozzle to be rotated along the inner peripheral surface of a pipe even in a lateral pipe, wherein the positions of a plurality of injection holes (10, 11, 12, and 13) formed in the nozzle (1) are formed and the amount of high pressure water jetted from each of the injection holes (10, 11, 12, and 13) are regulated so that the specific injection hole (10) only among the plurality of injection holes is set so as to be opposed always to the inner peripheral surface (5a) of the pipe.